



Loudoun County, Virginia

Board of Supervisors

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2021 TRANSPORTATION SUMMIT AGENDA SUMMARY

Board Room, First Floor, Government Center

Tuesday, June 29, 2021

6:00 P.M.

NOTICE OF ELECTRONIC MEETING: Due to the ongoing COVID-19 Pandemic, this business meeting will be conducted as an Electronic Meeting pursuant to the Continuity Ordinance re-adopted by the Board of Supervisors on March 16, 2021. Members of the public are strongly encouraged to view the transit summit by electronic or other means, in furtherance of the Governor's Executive Orders and social distancing directives, however, the Board Room remains open for members of the public who wish to view the meeting in person.

6:00 P.M. Call to Order – 2021 Transportation Summit

I. Call to Order – Chair Randall

II. Action Items

1. Resolution to Conduct an Electronic Meeting Under the Readopted Continuity of Government Ordinance (Countywide)

To allow the Board of Supervisors to meet via electronic participation during the COVID-19 Pandemic.

Staff Contact: Leo Rogers, County Attorney's Office

III. Information Items

I-1 VDOT Staff Comments (Countywide)

Loudoun County relies on an integrated partnership with the Virginia Department of Transportation (VDOT) to complete transportation projects, manage traffic conditions, implement traffic calming initiatives, and respond to numerous citizen complaints related to transportation. Mr. Sunil Taori, VDOT's Assistant Director for Land Use and Development will provide comments regarding the partnership and how the Board of Supervisors can engage with VDOT to solve transportation related issues.

Staff Contact: Joe Kroboth, III & Penny Newquist, Transportation and Capital Infrastructure

I-2 Countywide Transportation Plan – On Our Way to 2040 (Countywide)

This item will provide an overview presentation of the adopted *Loudoun County 2019 Countywide Transportation Plan*. On June 20, 2019, the County Board of Supervisors (Board) adopted the *Loudoun County 2019 Comprehensive Plan* which comprises the *Loudoun County 2019 General Plan* and *Loudoun County 2019 Countywide Transportation Plan* (2019 CTP). The 2019 CTP is a core element of the County's Comprehensive Plan and establishes the long-range vision of the County's multimodal transportation network. The CTP enables the County to preserve right-of-way for future transportation facilities and to help ensure conformance of land development applications with the County's transportation vision. The CTP is a financially unconstrained plan which serves as a guide for future transportation infrastructure investment to be financed by Federal, State, and Local dollars as well as private sector contributions. This item reviews a history of the County's transportation plans from the first adopted CTP in 1995 through the present and provides an overview of each chapter of the currently adopted 2019 CTP document.

Staff Contacts: Lou Mosurak, John Thomas, & Joe Kroboth, III, Transportation and Capital Infrastructure

I-3 Transportation Project Development Process (Countywide)

Transportation capital improvements have traditionally been funded, developed, and built by the Commonwealth of Virginia through its Commonwealth Transportation Board and the Virginia Department of Transportation (VDOT). Starting in 2009 and continuing until 2015, several significant developments took place that led to our current situation where the Loudoun County Fiscal Year (FY) 2021 – FY 2026 Capital Improvement Program (CIP) is investing approximately \$1.2 billion over six years into transportation projects. The *Loudoun County 2019 Countywide Transportation Plan* (2019 CTP) established the basic transportation needs of the County and guides the long-range planning of the County's transportation network. The current plan identifies the transportation roadway network necessary for land development anticipated by the year 2040. The County's CIP outlines the financial plan to actively develop projects within the current and future six years. This item outlines the seven primary steps that compose the development process for transportation projects – planning & budgeting, design procurement, engineering design, right-of-way acquisition, utility relocation, construction procurement, and construction. In addition to describing these steps and how they fit within the overall development process, this item also describes some of the challenges developing these projects within a dynamic county where land uses, traffic patterns, and utility infrastructure are constantly changing as the County tries to develop transportation projects.

Staff Contacts: Jim Zeller & Joe Kroboth, III, Transportation and Capital Infrastructure; Christopher Bresley & Janet Romanchyk, Finance and Budget

I-4 Methods to Streamline the Signal Development Process (Countywide)

Many transportation projects developed by the Department of Transportation and Capital Infrastructure (DTCI) involve traffic signals to control traffic and help pedestrian and bicycle traffic safely cross busy streets. Since traffic signals constructed within the County's jurisdiction are ultimately operated and maintained by the Virginia Department of Transportation (VDOT), VDOT is heavily involved in the traffic signal development process and must approve signal designs, permit them for construction, and authorize them for operation. After a signal is warranted and VDOT approves a Signal Justification Report, the development process can begin. In the past, DTCI has followed processes established by VDOT for signal development, but these processes can be inefficient and time consuming. To improve the timeliness for traffic signal development, DTCI has worked with VDOT and the Procurement Division within the Department of Finance and Budget (DFB) to establish procedures that streamline the traffic signal development process and advance the procurement of long lead-time signal poles and mast arms. This item describe these process changes and actions taken by DTCI and DFB to streamline the signal development process.

Staff Contacts: Jim Zeller, Mark Hoffman, & Joe Kroboth, III, Transportation and Capital Infrastructure

I-5 Data Collection & Signal Warrant Analysis for Development Applications (Countywide)

At the Board of Supervisors (Board) Business Meeting on January 17, 2019, the Board approved (8-0-1: Randall absent) the recommendation of the Finance/Government Operations and Economic Development Committee (FGOEDC) to select Transition Option T2 regarding data collection and signal warrant analyses for development applications and direct staff to return to the Board at a later date with a list of consulting contracts necessary to implement the program, potential fee structure changes, budgetary implications, identification of a County process and regulatory document revisions. The Board also authorized the addition of a full-time traffic engineer position to manage the traffic data collection program and traffic study warrant analysis program. The County will be responsible for traffic data collection for legislative land development applications and manage the preparation of traffic warrant studies committed through proffers using consulting contracts. The purpose of this information item is to report back to the Board and provide a status update regarding process change, consulting contracts, potential fee changes, regulatory document revisions and issues related to County-led traffic data collection and traffic warrant studies. The process change is anticipated to have no fiscal impact. The operational cost needed for data collection and preparation of warrant studies will be completely recovered by new legislative fees paid by the applicant. Potential fee changes and revisions to regulatory document will require ordinance amendment needing public hearing and coordination with various stakeholders.

Staff Contacts: Jaspreet Sethi, Lou Mosurak, & Joe Kroboth, III, Transportation and Capital Infrastructure

IV. Adjourn

Please note:

Copies of agenda items are available in the County Administrator's Office and also available online at <http://www.loudoun.gov/bosdocuments>.

Agenda packets are usually posted by close of business on the Friday prior to the Business Meeting. The Action Report of the meeting is usually available in this packet by close of business two days following the Business Meeting. If you need assistance accessing this information contact County Administration at 703-777-0200.

If you require a reasonable accommodation for any type of disability in order to participate in the Board of Supervisors Transit Summit, please contact the Office of the County Administrator at (703) 777-0200/TTY-711. At least one business day of advance notice is requested; some accommodations may require more than one day of notice.

FM Assistive Listening System is available at the meeting. Agenda Summary–06-29-21